St. Claret College

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NURTURING VALUES AND EXCELLENCE

Project report on

"CAREER BRIDGE"

PLACEMENT MANAGEMENT SYSTEM

Submitted in partial fulfillment of the requirement

For the VI Semester

of

BACHELOR OF COMPUTER APPLICATIONS

By

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DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT ENTITLED

"CAREER BRIDGE"

PLACEMENT MANAGEMENT SYSTEM

WAS CARRIED OUT ON HTML, JavaScript, CSS, PHP AND SQL

BY

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IN PARTIAL FULFILLMENT OF THE REQUIREMENT

FOR THE

VI SEMESTER DEGREE (BACHELOR OF COMPUTER APPLICATIONS)

OF

BANGALORE UNIVERSITY DURING THE ACADEMIC YEAR 2023-24

Dr. CHINMAYA DASH   Ms. JAYALAKSHMI R.

PROJECT GUIDE   HEAD OF THE DEPARTMENT

ACKNOWLEDGEMENT

The project entitled "Career Bridge" a Placement Management System has been done to fulfil a part of the curriculum of the VI semester of Bachelor of Computer Applications (BCA) of Bangalore university.

The successful completion of any work will not be completed if all those who have facilitated in carrying out the work are not thanked. We take this opportunity to thank all those who have helped us in the accomplishment of this project work effectively on time.

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We also thank our family members, friends and all those who have helped us directly or indirectly throughout the tenure of the project work.

Last but not least, we express our sincere gratefulness to the Lord Almighty for all the blessings offered to us for the successful completion of this project work.

Contents

Synopsis

The "Placement Management system" has been Developed to override the problems prevailing in the practicing manual process. This Software is supported to eliminate and reduce the hardships faced by the existing process. Moreover, this system is designed for the particular need of the Placement Management process to carry out tasks in a smooth and transparent manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. It provides user friendly interface for both students and Admin. Placement Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the admin and students to concentrate on their other activities. It will help organization in better utilization of resources. It helps the organizations to maintain a track of placements

Every college whether big or small, has challenges to overcome and managing the information's of Companies, Offer-letters, Opted Students, Training and practice for interviews. It is designed to assist in strategic scheduling, planning, and executing the Placement process in the College. Our systems come with remote access features, which will allow the admin to post and review tasks for students. These systems will ultimately allow you to better manage the training, rounds, interviews and record keeping.

Here we have a database with tables which stores the required details like:

1. Admin login
2. Student Login
3. Applied
4. Company
5. Feed

Tools:

Technologies used:

This Project will be using the following technology stack:

- PHP, CSS, HTML, JavaScript
- XAMPP

Languages used:

- Front end; HTML, CSS
- Backend: PHP, XAMPP

Editor:

- Visual Studio

Objective

- Automate the entire placement process to reduce manual effort and improve efficiency. Physical processes are time-consuming and prone to errors. Automation streamlines tasks and ensures accuracy.

- Provide students with a platform to view recruiting companies and their offerings. Students need information about available opportunities to make informed decisions about their career paths.

- Help companies find eligible candidates based on their specific criteria. Efficiently match students with relevant job profiles, saving time for both students and recruiters.

- Create a separate training webpage for students with links to various training courses. Enhance students' skills and prepare them for recruitment processes.

- Overcome the challenges of managing records for hundreds of students. Centralized digital records reduce paperwork and improve data accessibility.

- Keep students and admin informed about ongoing placement activities. Timely updates ensure transparency and effective communication.

- Empower the admin to manage recruitment processes efficiently. Admin's need tools to sort eligible candidates, update company lists, and maintain student profiles.

Study of the existing system

Manual Processes in the existing system, all placement-related work is carried out manually by college officials. The existing placement management system relies heavily on manual processes, which are time-consuming and labor-intensive. Manual data entry increases the risk of errors, leading to inaccuracies in student records and company details. Placement coordinators enter student information using online forms or Excel sheets. Updates or corrections often involve creating new entries or editing entire sheets, which can be monotonous and time-consuming. Coordinators spend significant effort managing paperwork, updating spreadsheets, and handling communication.

- Manual processes, such as reviewing resumes and conducting interviews, can be time-intensive. This delays the overall hiring timeline and affects organizational productivity.

- Human judgment in interviews and assessments introduces inherent biases. Unconscious preferences based on factors like gender, ethnicity, or appearance may influence decisions.

- Coordinating multiple stakeholders—recruiters, hiring managers, and candidates—requires significant effort. Miscommunication or delays can hinder the process.

- Traditional methods lack data analytics. Without objective metrics, it's challenging to optimize recruitment strategies or identify areas for improvement.

- Geographical constraints limit access to talent pools. Companies may miss out on diverse candidates due to location-based recruitment.

- Cumbersome processes can frustrate candidates. Lengthy wait times, unclear communication, and repetitive steps impact their perception of the organization.:

Study of the Proposed System

Introduction

The study of the proposed system within our educational institution endeavours to meticulously examine operational workflows, technological frameworks, communication modalities, data management strategies, and user experience paradigms. This thorough analysis serves as the cornerstone for identifying avenues of enhancement, refining operational efficiencies, and elevating the overall user experience.

Automation:

Efficiency Enhancement: Automating the entire placement process reduces manual effort and ensures accuracy.

Streamlined Tasks: Automation simplifies tasks such as scheduling interviews, tracking applications, and managing company profiles.

Error Reduction: Digital systems minimize human errors associated with manual data entry.

Student-Centric Features:

Information Access: Providing students with a platform to view recruiting companies and job offerings is crucial. Informed decisions lead to better career choices.

Training Opportunities: A separate training webpage with links to various courses enhances students' skills and prepares them for recruitment processes.

Efficient Company-Student Matching:

Eligibility Criteria: Companies need tools to find eligible candidates efficiently. Automated systems can match students with relevant job profiles based on specific criteria.

Time Savings: Quick and accurate matching benefits both students and recruiters.

Digital Records Management:

Centralized Database: Overcoming the challenge of managing records for hundreds of students, digital systems provide centralized access to student profiles, reducing paperwork.

Data Accessibility: Administrators can easily retrieve information, track progress, and maintain records.

Effective Communication:

Timely Updates: Keeping students and administrators informed about ongoing placement activities ensures transparency and effective communication.

Notifications: Automated alerts for interviews, company visits, and deadlines enhance the overall process.

Empowering Administrators:

Admin Tools: Equipping administrators with tools to sort eligible candidates, update company lists, and maintain student profiles is essential.

Efficient Management: Admins play a critical role in coordinating placements, and digital systems empower them to handle tasks more efficiently

Technologies used

Introduction to HTML

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages, HTML was created by Berners-Lee in late 1991 but "HTML 2.0" was the first standard HTML specification which was published in 1995, HTML 4.01 was a major version of HTML and it was published in late 1999. Though HTML 4.01 version is widely used but currently we are having HTML-5 version which is an extension to HTML 401, and this version was published in 2012.

The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags but uses the tags to interpret the content of the page. HTML describes the structure of a website semantically along with cups for presentation, making it a mark-up language rather than a programming language.

Introduction to CSS

CSS is designed primarily to enable the separation of document content from document. presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design). CSS can also allow the same mark-up page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified.

Introduction to JAVASCRIPT

JavaScript is a high-level, interpreted programming language primarily used for creating dynamic and interactive content on web pages. It is a core technology of the World Wide Web, alongside HTML and CSS. JavaScript runs in the browser, allowing for interaction without the need to reload the page. This is essential for creating responsive and interactive web applications. JavaScript code is executed line by line by the browser's JavaScript engine, which means it does not need prior compilation. JavaScript can handle user inputs such as clicks, form submissions, and key presses through event listeners and handlers, making it crucial for enhancing user experiences. Variables in JavaScript do not require a type to be declared. Types are determined at runtime, which provides flexibility in coding. Unlike classical OOP languages, JavaScript uses prototypes for inheritance, allowing objects to inherit properties and methods from other objects. Functions in JavaScript are treated as first-class citizens, meaning they can be assigned to variables, passed as arguments, and returned from other functions.
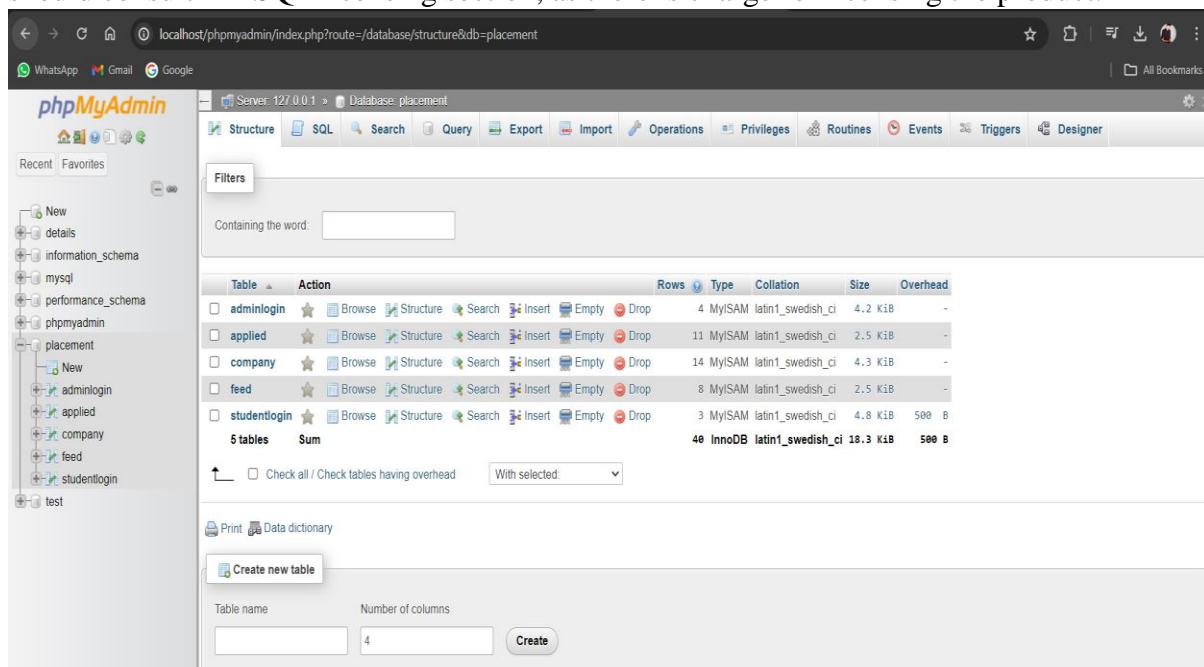
Introduction to PHP

PHP is now officially known as "PHP: Hypertext Preprocessor". It is a server-side scripting language usually written in an HTML context. Unlike an ordinary HTML page, a PHP script is not sent directly to a client by the server, instead, it is parsed by the PHP binary or module which is server-side installed. HTML elements in the script are left alone, but PHP code is interpreted and executed. PHP code in a script can query databases, create images, read and write files, talk to remote servers the possibilities is endless. The output from PHP code is combined with the HTML in the script and the result sent to the user's web browser, therefore it can never tell the user whether the web-server uses PHP or not, because the entire browser sees is HTML

Introduction to MYSQL(PHPMYADMIN)

The database has become an integral part of almost every human's life. Without it, many things we do would become very tedious, perhaps impossible tasks. Banks, universities, and libraries are three examples of organizations that depend heavily on some sort of database system. On the Internet, search engines, online shopping, and even the website naming convention would be impossible without the use of a database. A database that is implemented and interfaced on a computer is often termed a database server,

One of the fastest SQL. (Structured Query Language) database servers currently on the market is the MYSQL server, developed by TeS Data Konsult AB. MYSQL, available for download at www.mysql.com, offers the database programmer with an array of options and capabilities rarely seen in another database server. MySQL, is free of charge for those wishing to use it for private and commercial use. Those wishing to develop applications specifically using MySQL should consult MYSQL licensing section, as there is charge for licensing the product.

INTRODUCTION TO XAMPP

XAMPP is a free and open source cross platform web server solution stack package developed by Apache Friends consisting mainly of the Apache HTTP Server, Maria DB Database and interpreters for scripts written in the PHP and Perl programming languages.

XAMPP stands for Cross-Platform (X). Apache (A), Maria DB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes. Everything needed to set up a web server-server application (Apache), database (Maria DB), and scripting language (PHP) - is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.
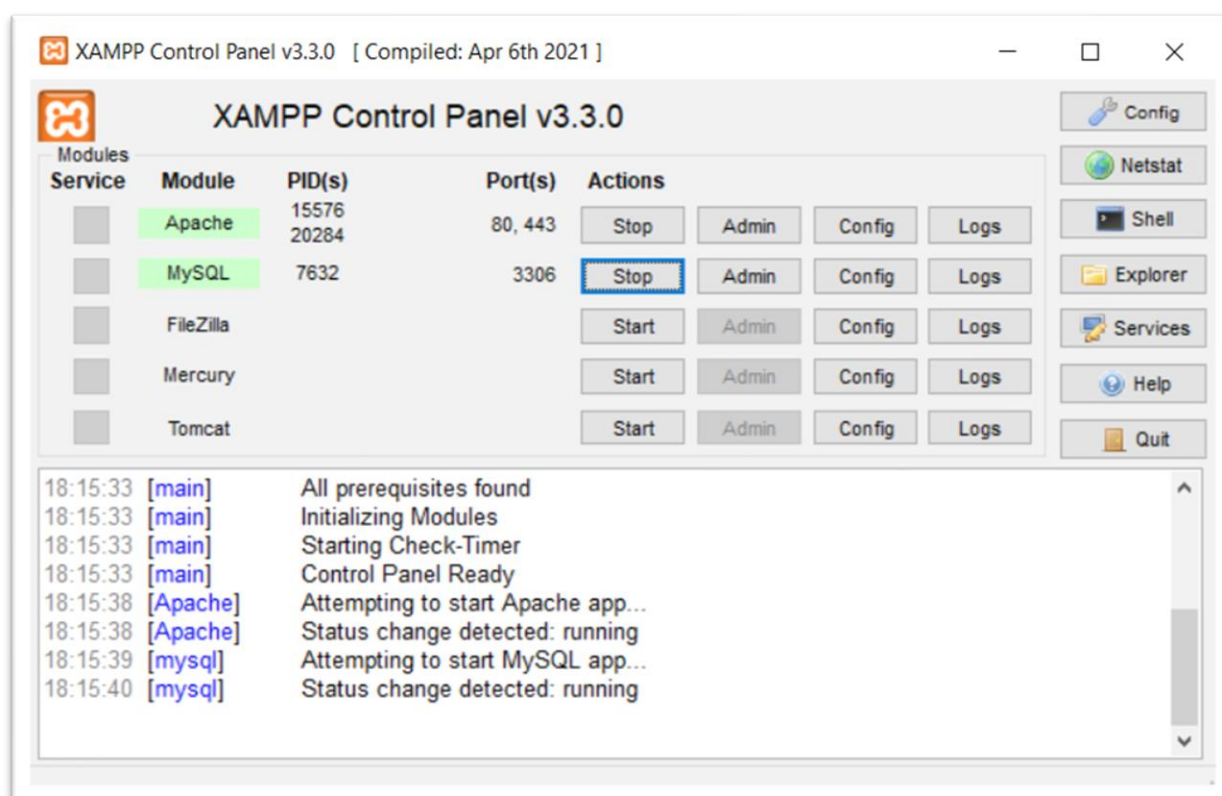
INTRODUCTION TO VISUAL STUDIO

Visual Studio is an Integrated Development Environment (IDE) developed by Microsoft to develop GUI (Graphical User Interface), console, Web applications, web apps, mobile apps, cloud, and web services, etc. With the help of this IDE, you can create managed code as well as native code. It uses the various platforms of Microsoft software development software like Windows store, Microsoft Silverlight, and Windows API, etc. It is not a language-specific IDE as you can use this to write code in C#, C++, VB (Visual Basic), Python, JavaScript, and many more languages. It provides support for 36 different programming languages. It is available for Windows as well as for macOS.
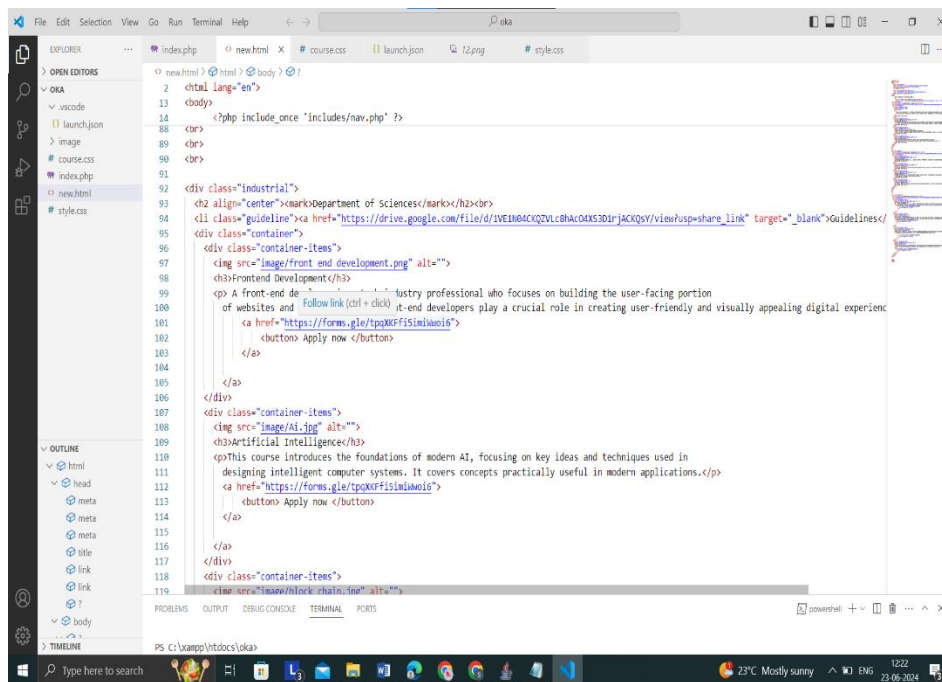
Hardware and software specifications

Hardware	Processor	INTEL CORE 15
	RAM	2gb or More
	Hard Disk	Hard Disk
	Keyboard	Normal or Multimedia
	Mouse	Compatible Mouse
Software	Front End	HTML, CSS, JavaScript
	Back End	My SQL Server php (phpMyAdmin)
	Operating System	Windows 10, Linux Ubuntu
	Web Server	XAMPP-Apache Server MySQL

Analysis

Feasibility Study

The first step is to study whether it is practical to development the software or whether it is worth carrying on with the requirement analysis.

Feasibility Aspect	Description	Weight(percentage)
Technical Feasibility	The proposed system leverages modern technologies such as HTML, JavaScript, PHP, CSS, and XAMPP, which are readily available and widely supported. The technical expertise required for development and maintenance is within the skillset of our team.	100%
Economic Feasibility	An analysis of costs associated with development, implementation, and maintenance indicates that the proposed system is economically viable. It offers a cost-effective solution compared to potential benefits such as improved efficiency and enhanced user experience	95%
Operational Feasibility	The proposed system aligns with existing operational processes and workflows. User training requirements are minimal due to intuitive design and familiar technologies. Integration with existing systems and databases is feasible without significant disruption.	95%
Schedule Feasibility.	A detailed project plan outlines key milestones, deliverables, and timelines. Resources are allocated efficiently to ensure timely completion within the designated schedule. Regular progress monitoring and adjustment mechanisms are in place to mitigate schedule risks	94%
Legal and Regulatory	The proposed system complies with relevant legal and regulatory requirements, including data protection laws, accessibility standards, and copyright regulations. Necessary permissions and licenses for software usage and data handling are obtained.	100%

Requirement Analysis

This is the process to show that the requirements refine the software that the users want.

User Requirements:
Identify the needs and preferences of various students, Placement officer, administrative staff. Determine user roles, responsibilities, and access levels within the system. Gathered feedback through surveys, interviews, and focus groups to understand user expectations and pain points.

Functional Requirements:
Define core functionalities required by the system, such as student enrolment, course management, attendance tracking, and grade reporting.

Technical Requirements:
Assess hardware and software requirements, including server infrastructure, network capabilities, and compatibility with existing systems.

Data Requirements:
Identify types of data to be collected, stored, and processed by the system, such as student records, internships, course materials, and administrative documents. Define data formats, structures, and validation rules to maintain data integrity and accuracy. Determine data storage, backup, and retrieval mechanisms to ensure availability and reliability.

Regulatory Requirements:
Identify legal and regulatory obligations related to data privacy, security, and accessibility. Ensure compliance with relevant laws, regulations, and industry standards. Obtain necessary permissions, licenses, and certifications for software usage and data handling.

Functional Requirements

Admin - student Registration and Authentication:
Requirement: Implement a secure user registration process. Students should be able to create accounts with unique credentials.

Company Profiles:
Requirement: Display detailed company profiles. Each company profile includes job descriptions, eligibility criteria, and compensation details. Admins can add, edit, or remove company information.

Student Dashboard:
Requirement: Provide a personalized dashboard for students. Students can view applied positions, interview schedules, and feedback.

Admin Features:
Requirement: Empower admins to manage the system efficiently. Admins maintain student records, update company lists, and schedule recruitment events. Access control ensures data security.

Internships and MOOC course Resources:
Requirement: Create a separate Internships and MOOC course webpage. Links to relevant courses or resources for skill enhancement. Prepare students for interviews and assessments.

Efficient Company-Student Matching:
Requirement: Develop tools for efficient matching. Firms define eligibility criteria (e.g., GPA, skills). Automated match students to relevant job profiles.

Digital Records Management:
Requirement: Centralize student records. MySql database stores student profiles, company data, and placement records. Admins retrieve and update information seamlessly.

Effective Communication:
Requirement: Ensure timely updates. Automatic notifications via email or dashboard. Reminders for interviews, company visits, and deadlines.

Empowering Administrators:
Requirement: Provide admin tools. Sorting eligible candidates, updating company lists, and managing student profiles.

Benefits

1.Efficiency Enhancement:

Automation reduces manual effort it automates tasks like interview scheduling, application tracking, and company profile management. This streamlines the entire placement process, saving time and minimizing errors.

2.Improved Accuracy:

Digital systems ensure accuracy by minimizing human data entry, it reduces the risk of errors associated with manual processes. Reliable data leads to better decision-making.

3.Transparency for Students:

Informed decisions lead to better career choices. Students can access detailed company profiles, eligibility criteria, and job descriptions. Transparent information empowers them during the placement process.

4.Internship and MOOC course opportunities:

Enhancing students' skills and the website provides a training webpage with relevant course links. Students can prepare effectively for interviews and assessments.

5.Effective Communication:

Timely updates for all stakeholders. Automated notifications keep students and administrators informed about ongoing placement activities. Clear communication enhances transparency.

6.Centralized Records:

Efficient data management. The centralized database stores student profiles, company details, and placement records. Admins can retrieve information easily.

Limitations

1. Initial Implementation Effort:

Developing and deploying It requires time and resources. Setting up the system, integrating technologies, and training users may pose challenges initially.

2. User Adoption:

Ensuring widespread adoption with Convincing students, faculty, and administrators to embrace the new system may take time. Training and support are essential.

3. Maintenance and Updates:

Regular maintenance is crucial. It needs continuous updates, bug fixes, and security patches. Admins must stay vigilant to ensure smooth operation.

4.Data Security Risks:

Protecting sensitive information. Any breach in security could compromise student data or company profiles. Robust security measures are essential.

5. Scalability Challenges:

Handling increased usage. As more students and companies use Career Bridge scalability becomes critical. The system must handle growing data and concurrent users.

Non-functional requirements

Execution:
The website is anticipated to show uncommon execution benchmarks, guaranteeing quick stacking times and consistent responsiveness to client intuitive. Optimizing page stack times and minimizing idleness are fundamental to cultivating a pleasant browsing encounter.

Versatility:
The website's design must be planned with versatility in intellect, competent of nimbly pleasing spikes in activity amid top periods without compromising execution. Adaptability measures ought to encourage consistent development to meet the developing requests of a growing client base.

Security:
A vigorous security system is basic to defend delicate client information and guarantee secrecy and keenness. Execution of progressed encryption conventions, secure confirmation components, and proactive measures against common cyber dangers are fundamental components of the website's security pose.

Unwavering quality:
The site must show unparalleled unwavering quality, characterized by negligible downtime and error-free operation. Flexibility to server disappointments and viable mistake taking care of instruments are crucial to keeping up continuous benefit accessibility.

Imperatives

Budgetary Imperatives:

The venture must work inside predefined budgetary imperatives stipulated by the school organization, requiring wise allotment of assets and adherence to cost-effective advancement hones.

Timeline:

Adherence to strict venture timelines is basic, driven by the direness to dispatch the site inside foreordained due dates. Convenient sending is basic for guaranteeing opportune spread of relevant data to understudies, guardians, and workforce.

Mechanical Imperatives:

Compatibility with existing IT framework and computer program forces confinements on the determination of innovations and stages for site advancement.

Substance Imperatives:

Site substance must accommodate to administrative guidelines and school arrangements overseeing information protection, mental property rights, and satisfactory utilize of computerized assets.
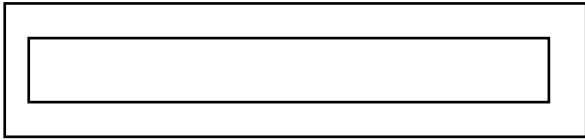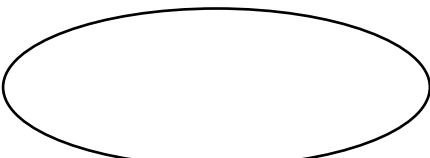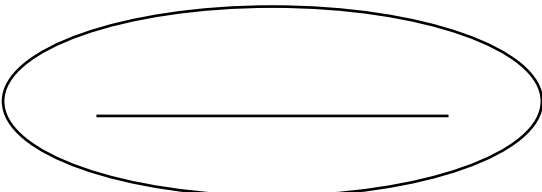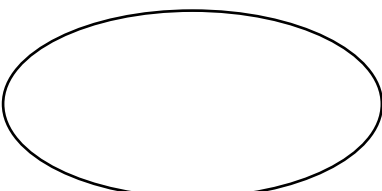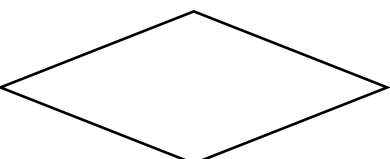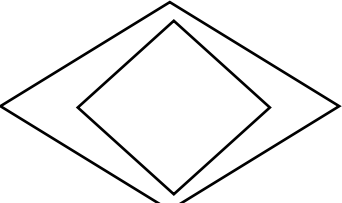
Asset Imperatives:

Restricted accessibility of gifted faculty and foundation assets may posture challenges to the project's execution and versatility. Vital asset administration and optimization procedures are basic for overcoming asset impediments successfully.
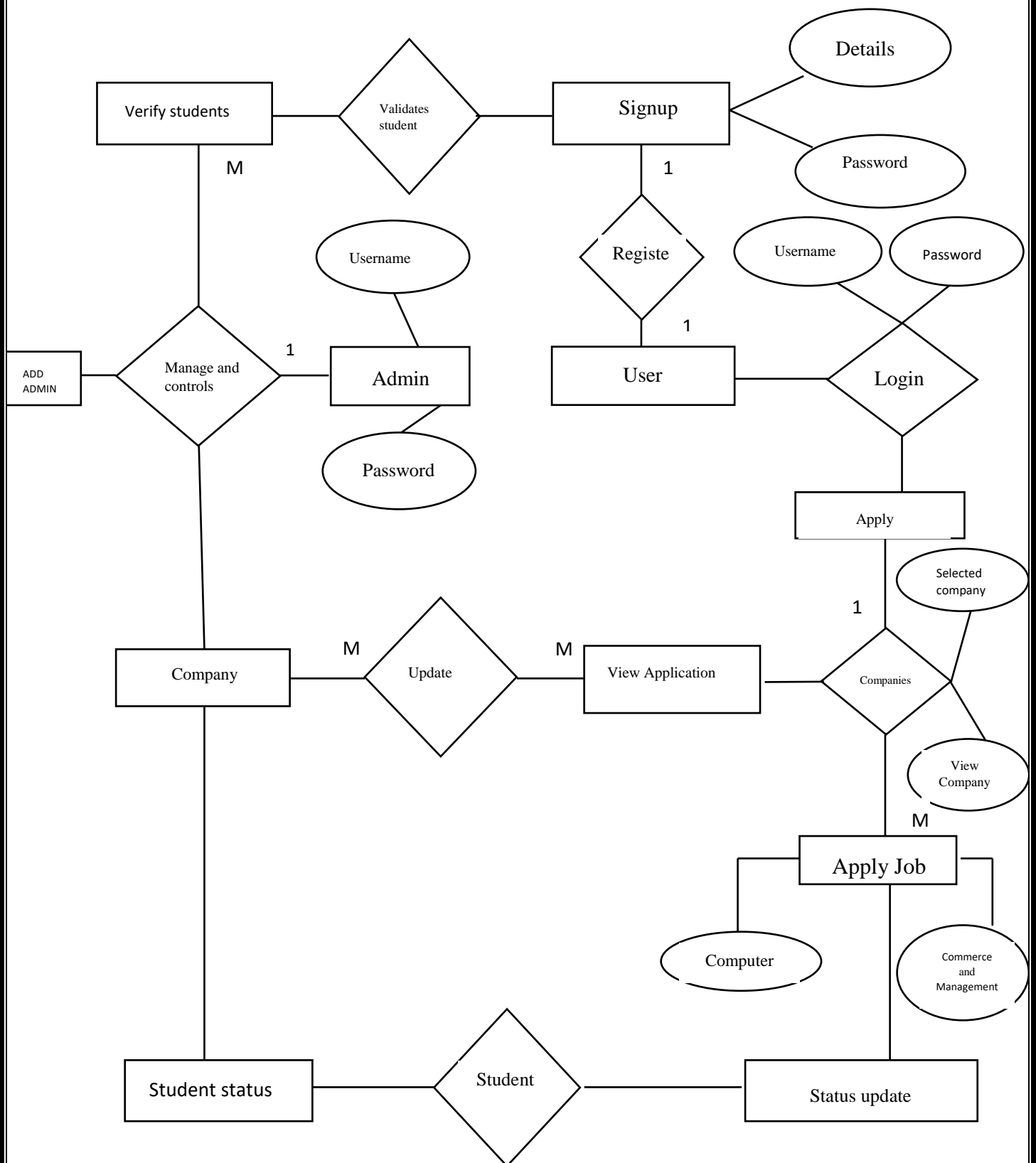
System Design

Entity-relationship diagram:

An Entity Relationship (ER) Diagram is specialized graphic that illustrates the interrelationship between entities in a diagram often use symbol to represent different types of information.

	Entity
	Weak Entity
	Oval
	Key attribute
	Multi Valued Attribute
	Relationship
	Identification Relationship
	Set Line attribute to entity Entity set to relationship

Integrated admin and user

Verify students

Validates student

Signup

Details

Password

M

Username

Register

Username

Password

ADD ADMIN

Manage and controls

1

Admin

User

1

Login

Password

Apply

Selected company

1

Company

M

Update

M

View Application

Companies

View Company

M

Apply Job

Computer

Commerce and Management

Student status

Student

Status update

23

Admin E-R Diagram

Username

Admin

Password

Manage and Controls

Add Company

View Company

Verify Students

Selected Students

Add admin

User Diagram

Details

Sign up

Pass

24

Data flow symbols

The Data Flow Diagram (DFD) is a graphical representation of the "flow" of the data through an information system. DFD's can be used as the visualization of data processing (Structure design).
A data flow diagram is a graphical description of a system or portion of a system. It consists of data flow process, sources, destination, and stores all described through the use of easily understood symbols.

Symbol	Meaning
	Process
	Entity
	Data Flow
	Data Base

Level-0 [context diagram]

```
┌──────────────┐
│    Admin     │──────────┐
└──────────────┘          │        ╭──────────────────╮        ┌──┬────────────┬──┐
                          ├───────▶│  Career Bridge   │───────▶│  │  Database  │  │
┌──────────────┐          │        ╰──────────────────╯        └──┴────────────┴──┘
│Student Database│────────┘
└──────────────┘
```
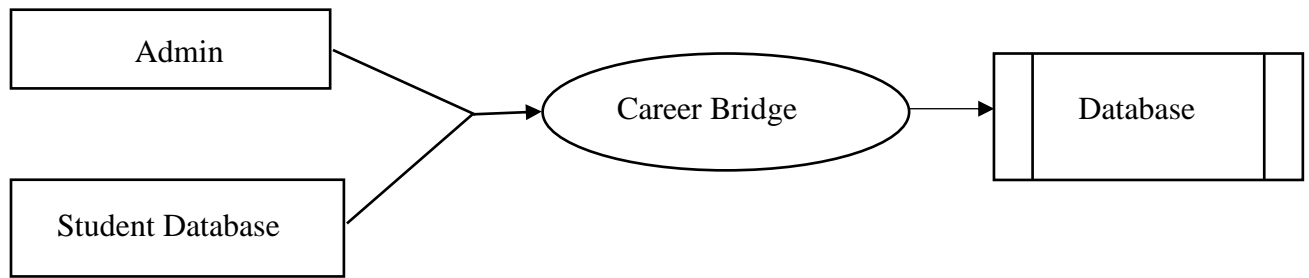
Level-1 Decomposition of Career bridge

```
                                            ┌──┬──────────┬──┐
                                         ┌─▶│  │  Admin   │  │
                              ┌────────┐ │  └──┴──────────┴──┘
                           ┌─▶│ Login  │─┤
                           │  └────────┘ │  ┌──┬──────────┬──┐
              ╭────────╮   │             └─▶│  │ Student  │  │
              │ Career │   │                └──┴──────────┴──┘
              │ Bridge │───┤
              ╰────────╯   │                ┌──┬──────────┬──┐
                           │             ┌─▶│  │  Admin   │  │
                           │  ┌────────┐ │  └──┴──────────┴──┘
                           └─▶│Dashboard│─┤
                              └────────┘ │  ┌──┬──────────┬──┐
                                         └─▶│  │ Student  │  │
                                            └──┴──────────┴──┘
```
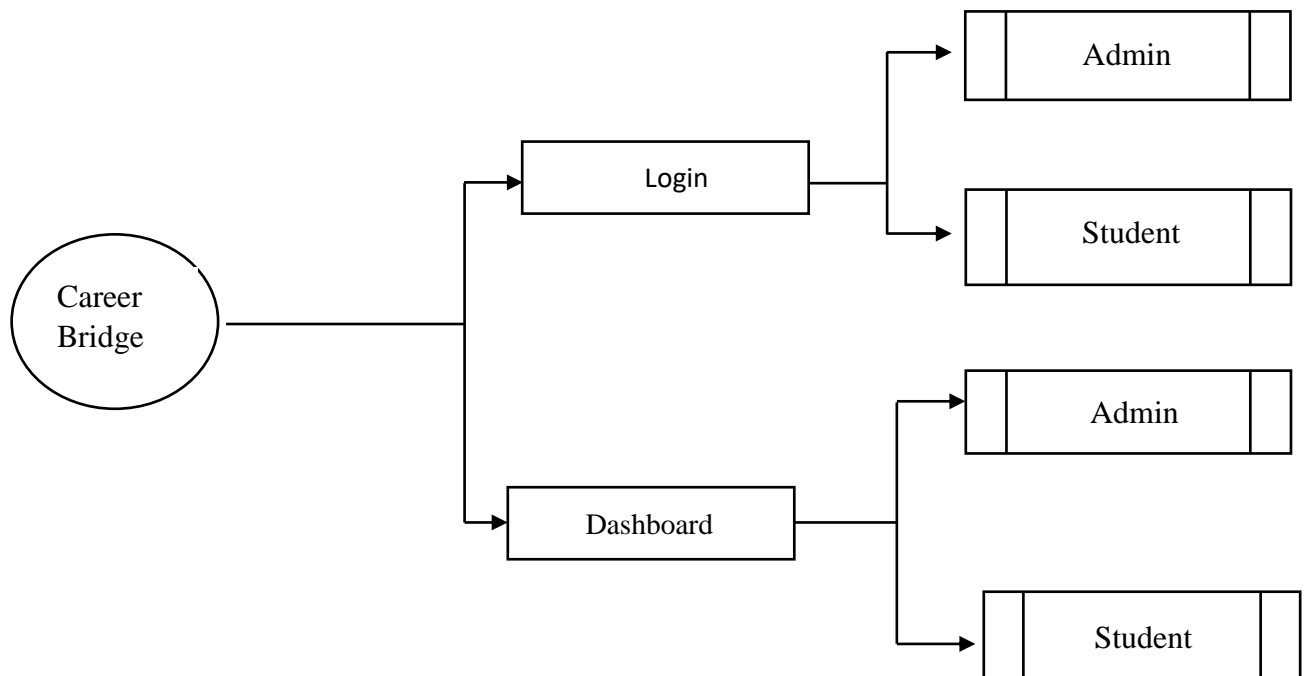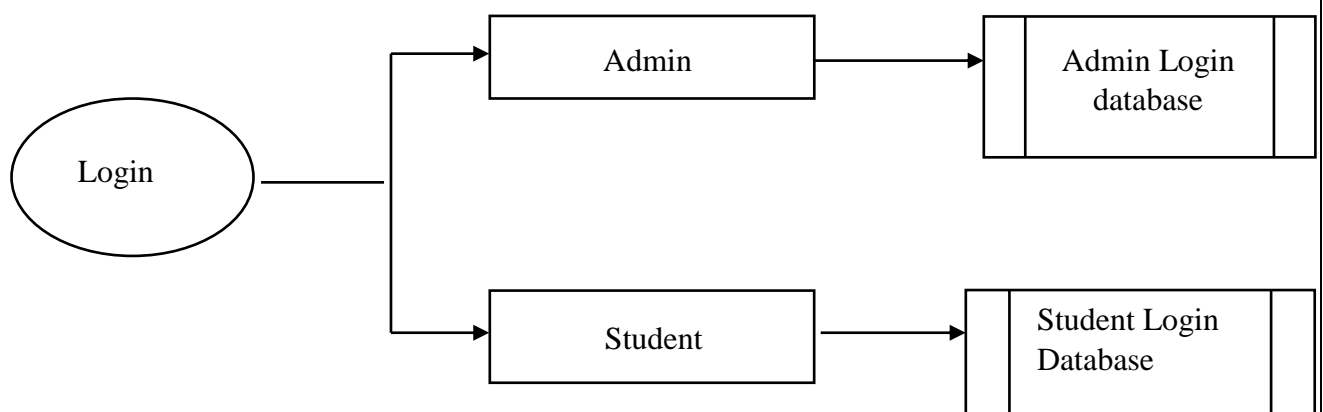
Level-2 Decomposition of Sub-process

```
                              ┌──────────┐        ┌──┬──────────────┬──┐
                           ┌─▶│  Admin   │───────▶│  │ Admin Login  │  │
                           │  └──────────┘        │  │  database    │  │
              ╭────────╮   │                      └──┴──────────────┴──┘
              │ Login  │───┤
              ╰────────╯   │  ┌──────────┐        ┌──┬──────────────┬──┐
                           └─▶│ Student  │───────▶│  │Student Login │  │
                              └──────────┘        │  │  Database    │  │
                                                  └──┴──────────────┴──┘
```

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Admin Dashboard

Admin Dashboard

Manages Admin

Change password

View Status

Verify student

Manages Companies

Admin login Database

Company Database

Applied Database

28

Student dashboard

Student Dashboard

View Company → Apply Company → Update status

Edit Profile

Change password

Company database

Applied database

Student database

MYSQL Database

Tables

Admin Login

Student login

Company table → Applied table

Feed table

29
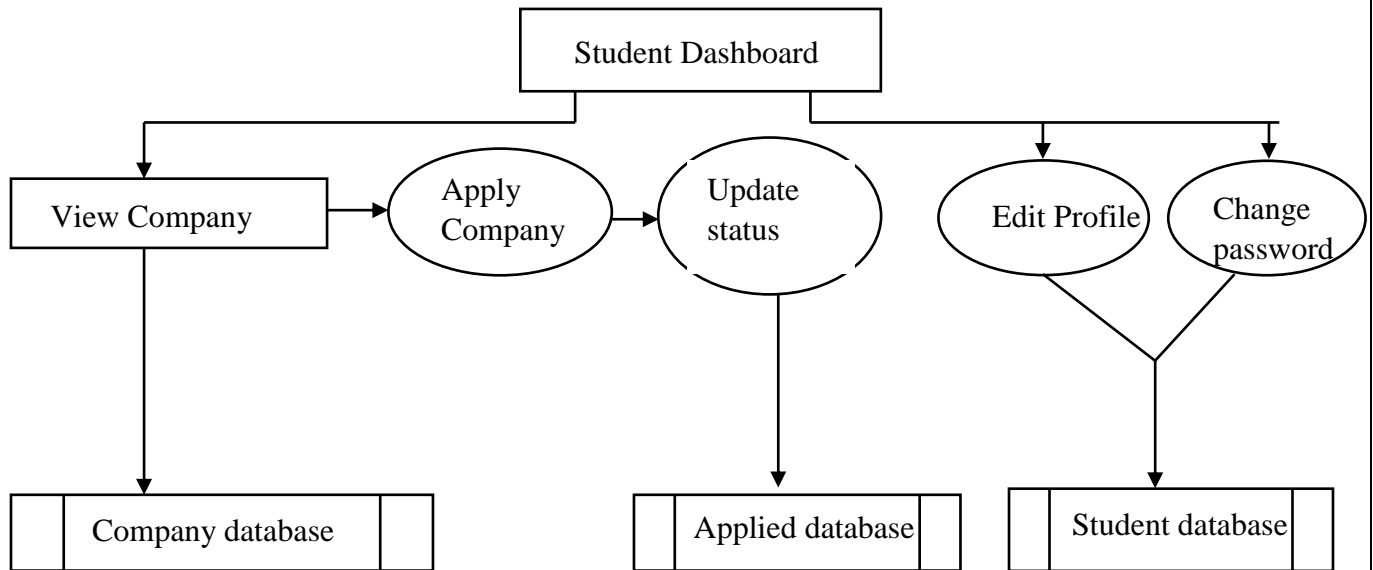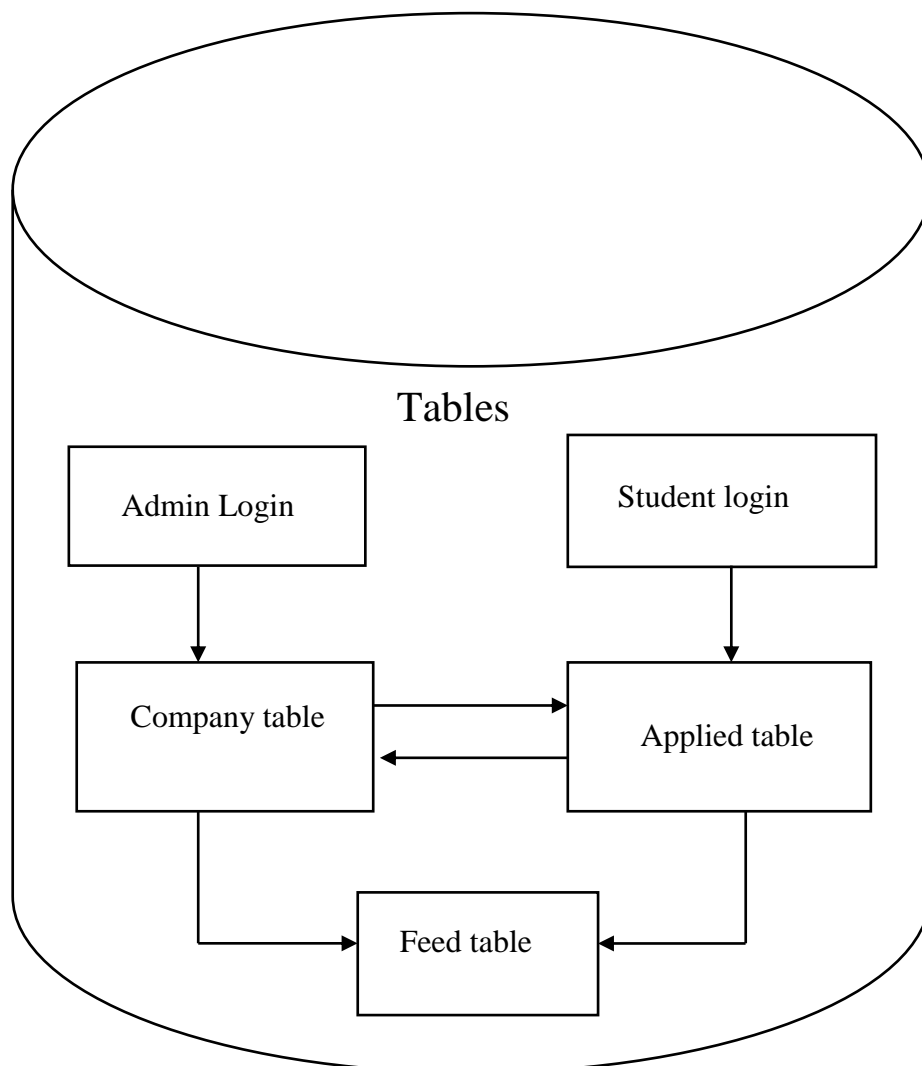
Structure and pages of web application

HOME PAGE

STUDNET LOGIN — ADMIN LOGIN — More

FORGET PASSWORD — LOGIN PAGE

FORGET PASSWORD — LOGIN PAGE

VIEW — MANAGES

MANAGES — VIEW

ADD ADMIN

VIEW COMPANIES

VIEW COMPANIES

SIGNUP — Admin Verification — VERIFY STUDENTS

SELECTED STUDENTS

VIEW APPLICATION

CHECK FEED — News pass — POST FEED

VIEW STUDENT STATUS

SELECTED COMPANIES

APPLY — Updated in records — ADD COMPANIES

VIEW INTERNSHIP COURSE

should

UPDATE STATUS — based on d=selection updates will be passed
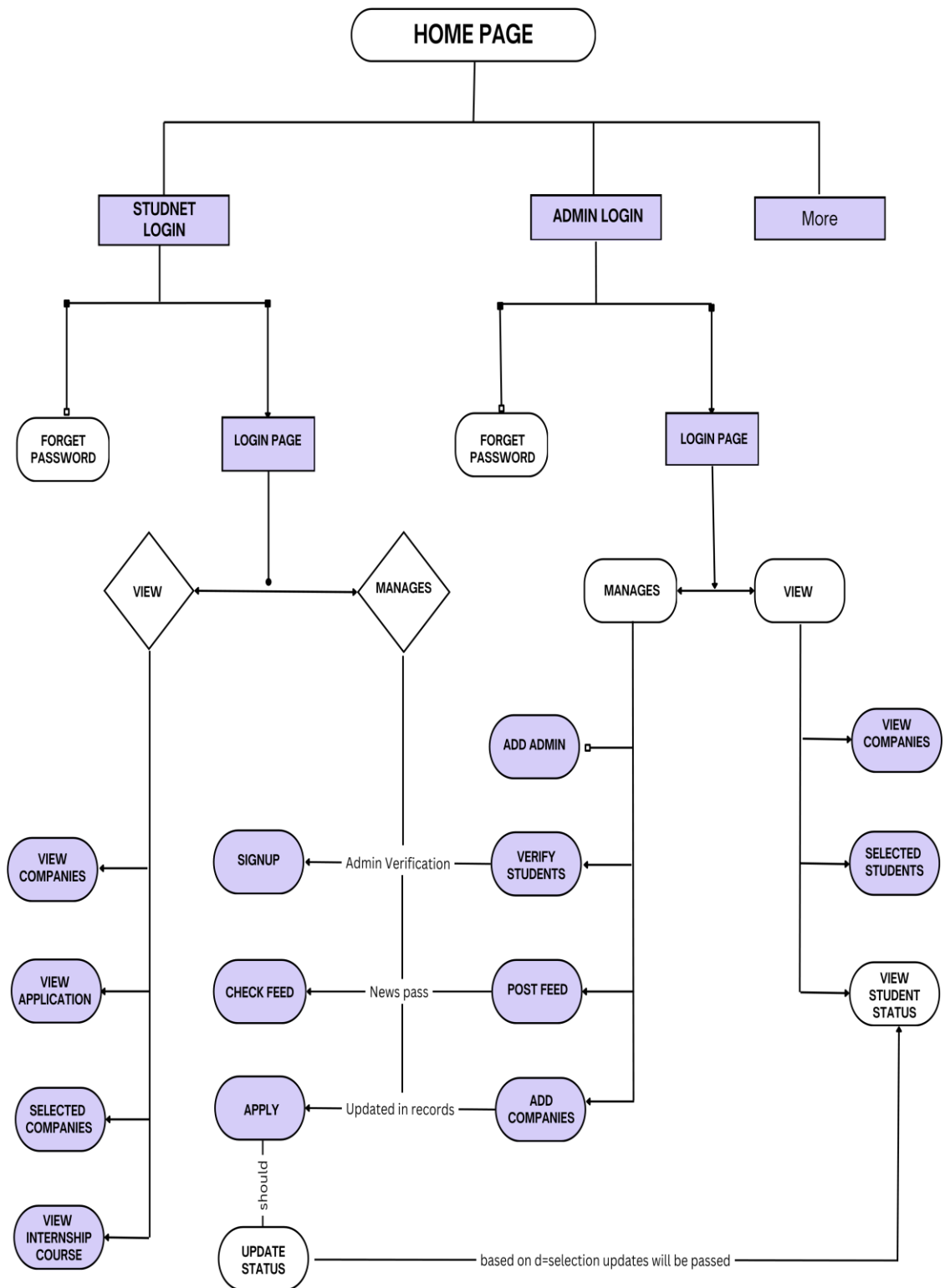
Screenshots
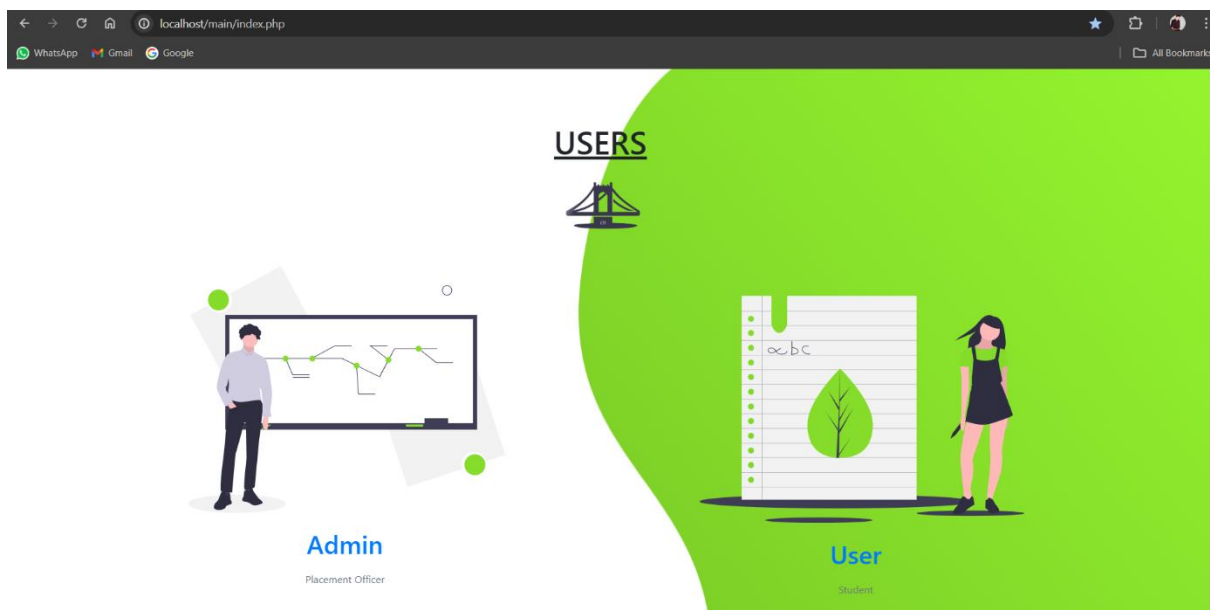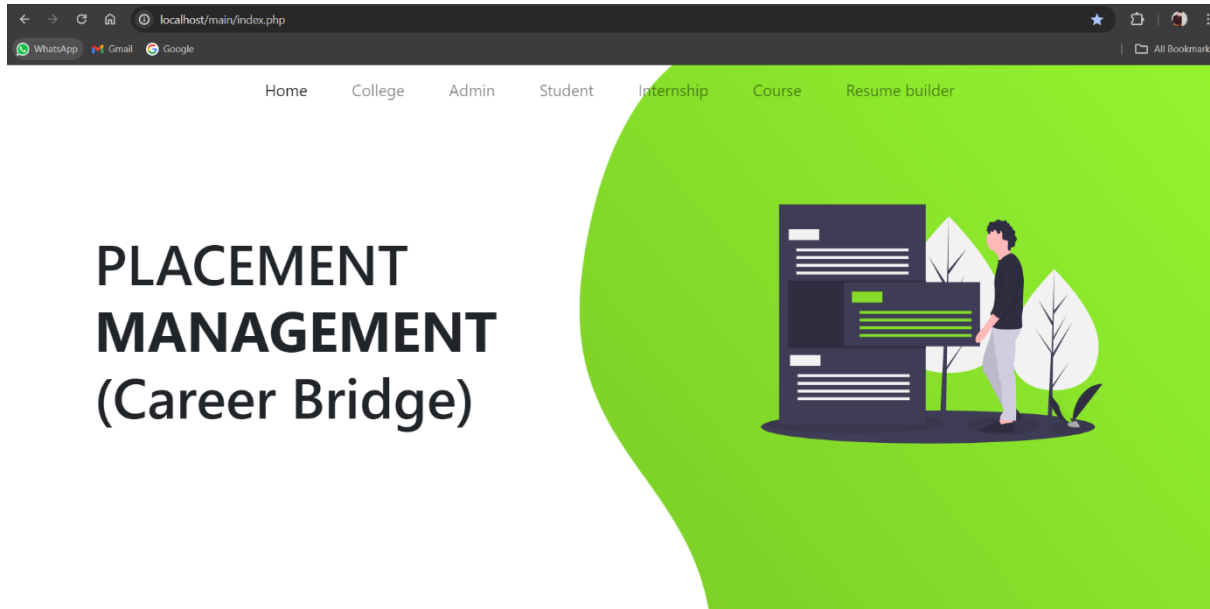
Home Page

About St. Claret College Autonomous

ST. Claret College (SCC) was established in 2005 by the international Missionary Congregation of Claretians who manage two universities and over 150 educational institutions in 66 countries around the world. The Bengaluru campus is managed by Claretian Society for Integral Human Development which was established in 1989 with the aim of providing holistic and quality education. Apart from St. Claret College, the campus shelters four other educational institutions: St. Claret Evening College, St. Claret Pre-University College, St. Claret School, and Anthony Claret (AC) School. Moved by the spiritual inspiration of St. Anthony Mary Claret, its patron, and supported by the robust Christian intellectual tradition, SCC offers integral education to transform students to be enlightened leaders who bring about a civilization of love and harmony. SCC is recognized by UGC, permanently affiliated to Bangalore University, approved by AICTE and is accredited by NAAC with A+ Grade.

Vision:

To promote educational excellence, leadership and service, based on universal love in an environment characterized by respect for the individual and concern for the community, so as to effect holistic transformation in each student

Mission:

To form intellectually competent, professionally skilled, spiritually vibrant, morally responsible, socially just and culturally sensitive global citizens through holistic Claretine education to advance a civilization of love and harmony.

Message from T&P Officer

Prameela

T&P Officer

Career Bridge, a Placement Management System, is engineered to revolutionize the traditional placement process within academic institutions. This innovative software tackles the challenges of manual placement procedures by providing a streamlined, error-resistant, and transparent platform for both students and administrators. Career Bridge offers a user-friendly interface that simplifies complex data entry, ensures data integrity, and reduces administrative burdens.

SCC's Training and Placement Centre (TPC) assists the students to explore employment opportunities and new career avenues. A team of officers supervise the training and placement programs on the campus. TPC also helps students in career planning through counseling and career guidance. The TPC helps in the professional development of the students by training them towards employability skills such as resume-writing, group discussion and interview skills which in turn helps the students to move into their career of choice. A good portion of the placement training is carried out by experts from industries and corporate world.

Developed and maintained by **SMD Thousif** and **Sandeep**

Students Got Placed in

SONY   Deloitte.   atlan   tcs   Cognizant

Internships

INTERNSHIP AND PLACEMENT PORTAL

Internships are mandatory for the Even semester students. The referrals can be used to attain an internship. The academic partners for internships are: .

Visit

BROCHURES

BROCHURES

Brochures contain information about the programs, campus life, placements, and admissions process for prospective students. You can visit the link and download the college brochure.
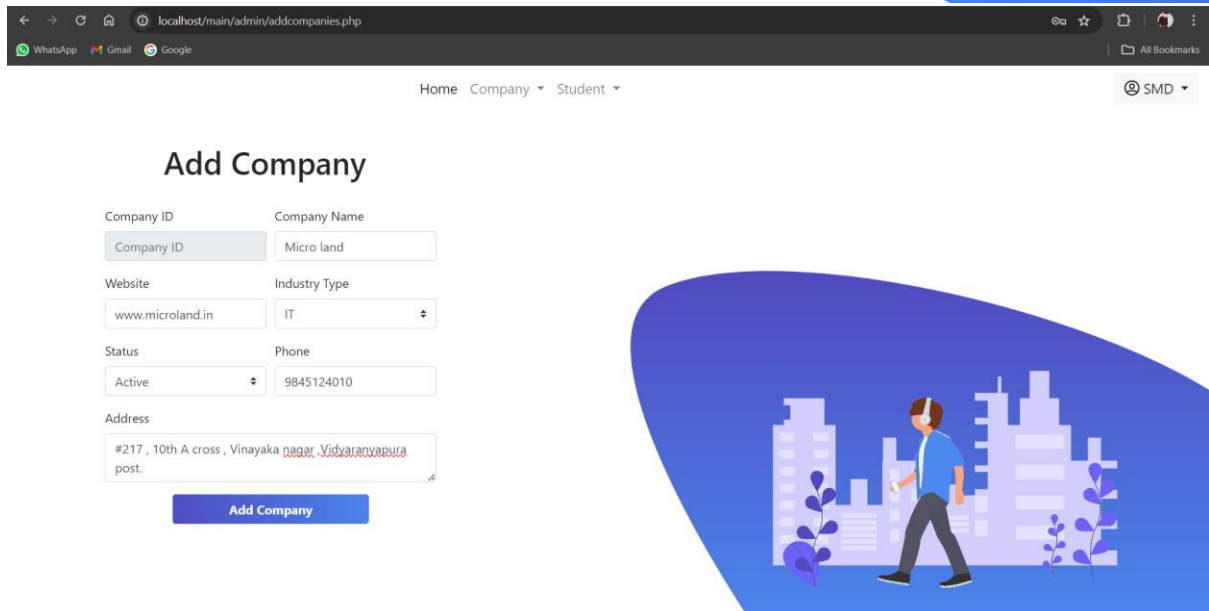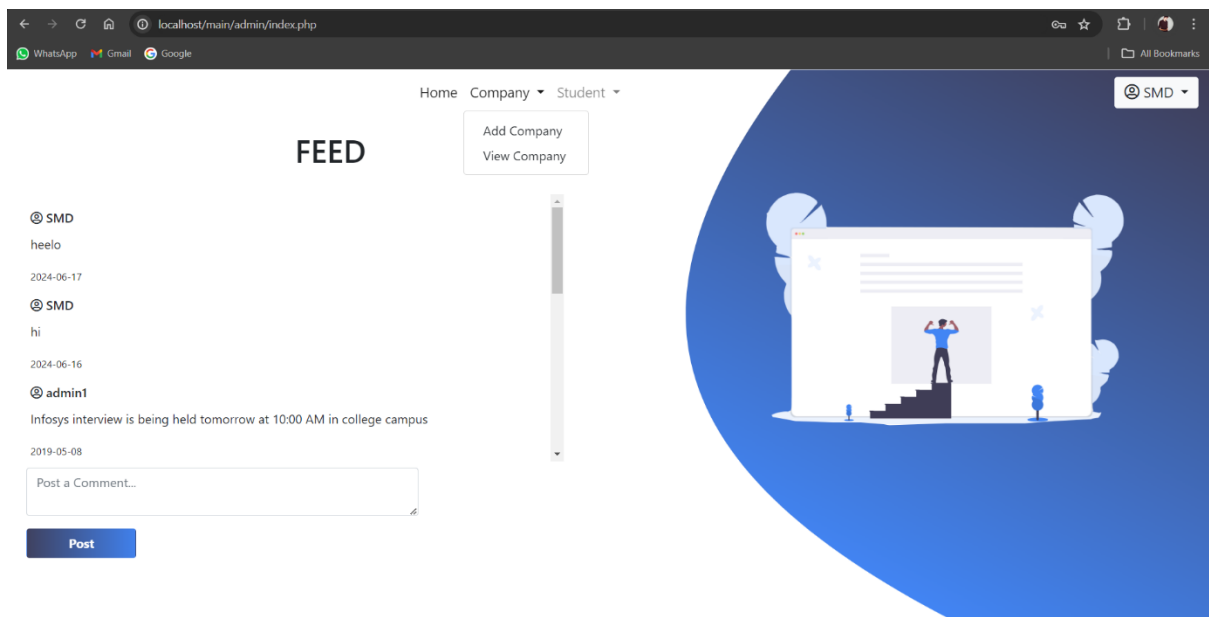
Visit

POLICIES

POLICIES

Policies outline the criteria for hiring. Placement policies ensure fairness, consistency, and transparency in the hiring process, and help organizations attract and retain top talent.

Visit

Admin

View Company

Company Name	Type	Website	Phone	Status		
Infosys	IT	https://www.infosys.com/	9897876564	Active		
TCS	IT	https://www.tcs.com/	8967879890	Inactive		
Connexions BPO Services Pvt Ltd	BPO	https://connexionsbpo.com	8965456789	Active		
Invensis Technologies Private Limited	BPO	https://www.invensis.net	8026572306	Active		
Mobinius	IT	https://www.mobinius.com	8050892700	Active		
Wipro	IT	https://www.wipro.com/	9078767654	Active		
Techiesys Web design	IT	https://www.techiesys.in/	99003 44725	Active		
Cognizant Technology Solutions	IT	https://www.cognizant.com	-	Active		
Transact Bpo Services	BPO	https://www.transactglobal.com/	9152875945	Active		
Qbix Intergrated Services	BPO	https://qbix.com	9152333908	Active		

View Students

Student Name	Phone	Email	Username	Course	Action
Deep	9110848717	deep@gmail.com	Deep		Delete
Vinay	9089876789	vinay@gmail.com	vinay	BBA	Delete
SAN	8410732244	san@gamil.com	SAN		Delete

View Company

ID	Company Name	Student Name	Status
1	Infosys	Mohith	Attended
2	TCS	Mohith	Unknown
3	Mobinius	Girish	Unknown
4	Infosys	Girish	Selected
5	Invensis Technologies Private Limited	Naveen	Unknown
6	Transact Bpo Services	Vinay	Unknown
7	Qbix Intergrated Services	Vinay	Unknown
9	Invensis Technologies Private Limited	Bharath	Unknown
12	Mobinius	Girish	Unknown
13	Cognizant Technology Solutions	Girish	Unknown
14	Infosys	Naveen	Unknown

Students
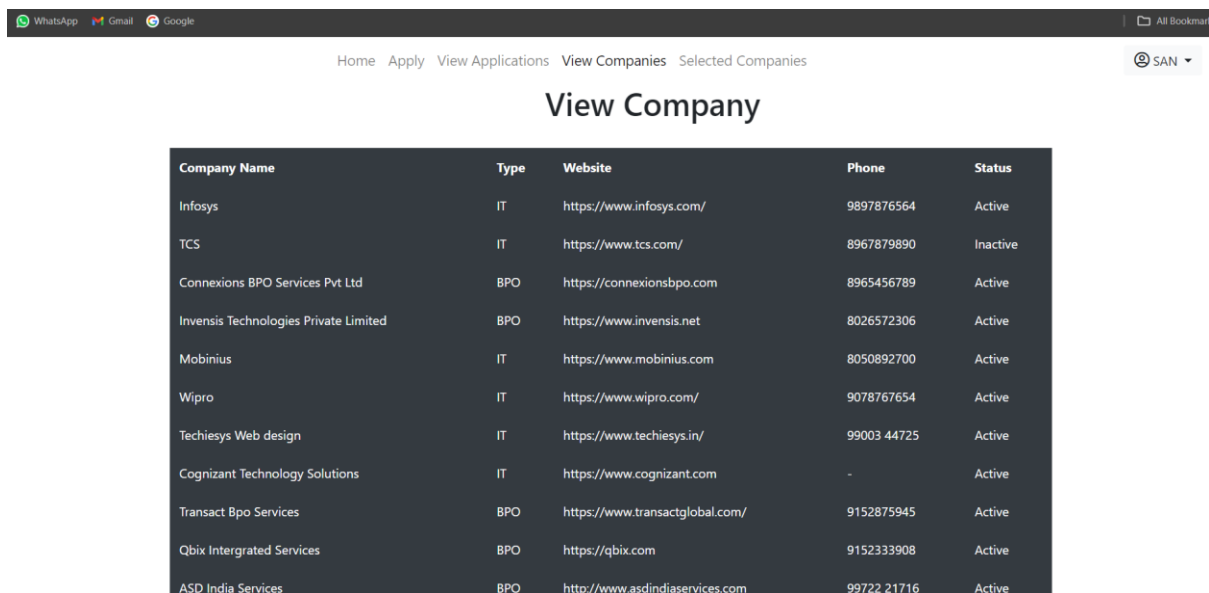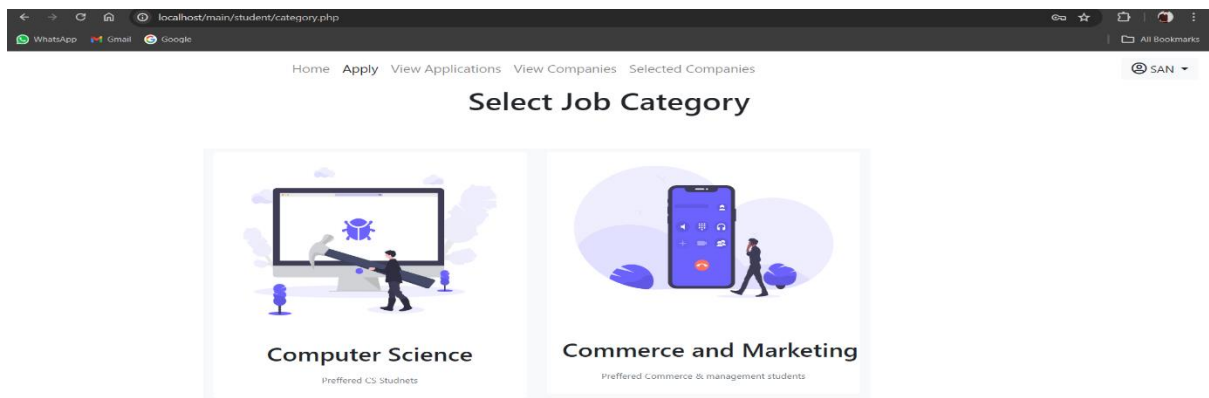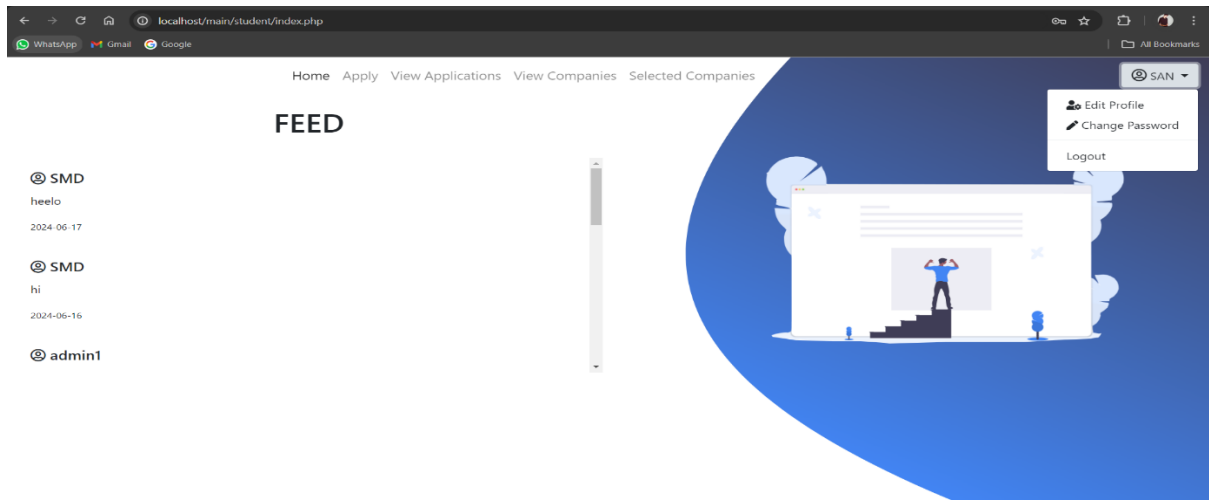
Home Apply View Applications View Companies Selected Companies SAN ▼

Change Password

Enter Password

Confirm Password

Change Password

Home Apply View Applications View Companies Selected Companies Vinay ▼

View Applied Company

ID	Company Name	Student Name	Status
6	Transact Bpo Services	Vinay	Unknown
7	Qbix Intergrated Services	Vinay	Unknown

Login Page

localhost/main/login.php

Home College Admin Student Internship Course Resume builder

Sign in to your Account

Username

Smd9110848717@

Password

••••••••••••••

Login

Forgot Password?

Don't have an account? Sign Up!

Course

Internships

Student Registration

Student SignUp

Student ID	Username
Student ID	

First Name | Last Name

Mail-ID | Phone

Password | Confirm Password

Security Question | Answer
Which is your Favourite Fr... ▼ |

SignUp

Home   College   Admin   Student   Internship   Course   Resume builder
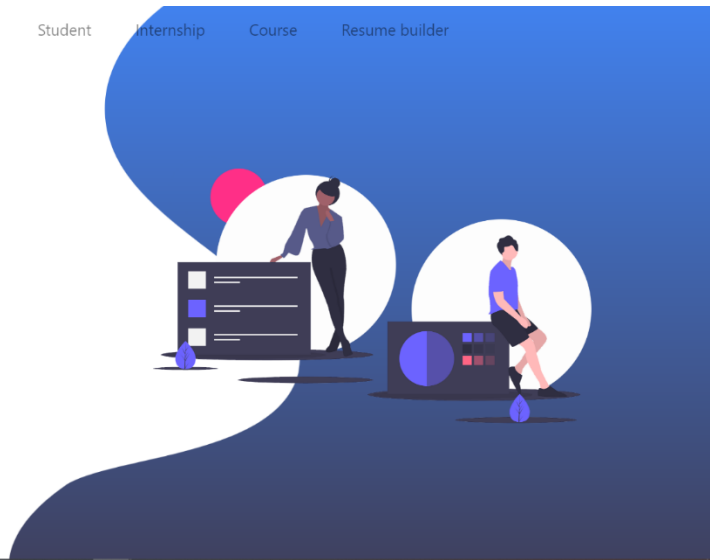
SAMPLE SOURCE CODE

Home page

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>CBSCC | Home</title>
    <link rel="stylesheet" href="css/styles.css">
    <link rel="stylesheet" href="includes/bootstrap/bootstrap.min.css">
    <?php include_once 'includes/db.inc.php'; ?>
</head>
<body>
<img src="images/mybg.png" id="img1">
<div class="task-image">
    <img src="images/task.svg" width="430">
</div>
<?php include_once 'includes/nav.php'; ?>
<div class="content">
    <h1>
        <b>PLACEMENT</b> <br> MANAGEMENT <br> <b>(Career Bridge)</b>
    </h1>
</div>
<div id="users" class="users-section">
    <h1><u>USERS</u></h1>
    <div class="card-group">
        <div class="card">
            <img src="images/admin1.svg" class="card-img-top" alt="Admin">
```

```html
      <div class="card-body">
        <h2 class="card-title"><a href="login.php">Admin</a></h2>
        <p class="card-text"><small class="text-muted">Placement Officer</small></p>
      </div>
    </div>
    <div class="card">
      <img src="images/student1.svg" class="card-img-top" alt="Student">
      <div class="card-body">
        <h2 class="card-title"><a href="login.php">User</a></h2>
        <p class="card-text"><small class="text-muted">Student</small></p>
      </div>
    </div>
  </div>
</div>

<section class="PlcmntRcrd basic_mrgn reveal">
  <div class="PlcmntRcrd_header">
    <h2>Students Got Placed in</h2>
  </div>
  <div class="marquee-container">
    <img src="images/sony.png" alt="Sony" class="cmpnylogo">
    <img src="images/deloitte.webp" alt="Deloitte" class="cmpnylogo">
    <img src="images/atlan.png" alt="Atlan" class="cmpnylogo">
    <img src="images/tcs.png" alt="TCS" class="cmpnylogo">
    <img src="images/cognizant.png" alt="Cognizant" class="cmpnylogo">
    <img src="images/B&B.jpg" alt="B&B" class="cmpnylogo">
  </div>
</section>
<section>
  <div class="container card-section">
```

```html
      <div class="d-flex justify-content-around">
        <div class="card">
          <img src="images/placement.png" class="card-img-top" alt="Internships">
          <div class="card-body">
            <h5 class="card-title">Internships</h5>
            <p class="card-text">Internships…</p>
            <a href="#" class="btn btn-primary">Visit</a>
          </div>
        </div>
        <div class="card">
          <img src="images/brochurs.png" class="card-img-top" alt="Brochures">
          <div class="card-body">
            <h5 class="card-title">BROCHURES</h5>
            <p class="card-text"> brochures …</ p>
            <a href="#" class="btn btn-primary">Visit</a>
          </div>
        </div>
        <div class="card">
          <img src="images/policies-card.png" class="card-img-top" alt="Policies">
          <div class="card-body">
            <h5 class="card-title">POLICIES</h5>
            <p class="card-text">Policies...</p>
            <a href="#" class="btn btn-primary">Visit</a>
          </div>
        </div></div>
    </div>
</section>
<h1 class="reveal text-center"><mark>About St. Claret College Autonomous</mark></h1>
<div class="about_bvec row">
    <div class="col-md-4 mb-4 mb-md-0">
```
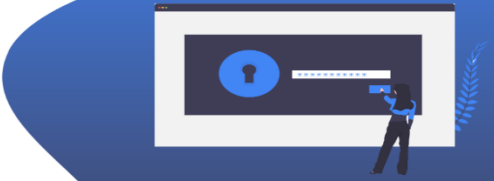
41

```html
        <img src="images/scc.png" alt="St. Claret College" class="img-fluid about-img">
    </div>
    <div class="col-md-8">
        <h6 class="about_bvec_para"> <b>ST. Claret College (SCC)</b>….</h6>
        <h5>Vision:</h5> <h6>To …</h6>
        <h5>Mission:</h5> <h6>To …</h6>
    </div>
</div>
<h1 class="reveal text-center"><mark>Message from T&POfficer</mark></h1>
<div class="about_bvec row">
    <div class="col-md-8">
        <p class="about_bvec_para">
        <h4>Prameela</h4><h5>T&P Officer</h5>
        <h6>Career Bridge...</h6> <h6>SCC's Training...</h6>
    </div>
    <div class="col-md-4 mb-4 mb-md-0 text-md-right">
        <img src="images/Prameela.png" alt="Prameela" class="img-fluid about-img">
    </div>
</div>
<div class="footer text-center">
    <p>Developed and maintained by <strong>SMD Thousif</strong> and
<strong>Sandeep</strong></p>
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

Db.inc.php :

```php
<?php
    $dbServername = "localhost";
    $dbUsername = "root";
    $dbPassword = "";
    $dbName = "placement";
    $conn = mysqli_connect($dbServername, $dbUsername, $dbPassword, $dbName);?>
```

Login Page

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>Login</title>
    <link rel="stylesheet" href="css/login.css">
    <link rel="stylesheet" href="includes/bootstrap/bootstrap.min.css">
</head>
<body>
    <img src="images/lgin.png" id="img1" style="position: fixed;">
    <img src="images/jump1.png" width="560px" style="position: absolute; z-index: 1;
margin-left: 56%; margin-top: 5%;">
    <?php include_once 'includes/nav.php'; ?>
    <div class="content" style="margin-top: 100px; margin-left: 10px;">
        <h1 class="form-row justify-content-center" style="margin-left: 70px;">Sign in</h1>
        <br>
        <?php
        include_once 'includes/db.inc.php';
        session_start();
```

```php
    if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['login'])) {
        $uname = $_POST['uname'];
        $pwd = $_POST['pwd1'];
        $queries = [
            "SELECT * FROM adminlogin WHERE uname = '$uname' AND pwd = '$pwd'"
=> 'admin/index.php',
            "SELECT * FROM studentlogin WHERE uname = '$uname' AND pwd = '$pwd'"
=> 'student/index.php'
        ];

        foreach ($queries as $query => $redirect) {
            $result = mysqli_query($conn, $query);
            if (mysqli_num_rows($result) > 0) {
                $row = mysqli_fetch_assoc($result);
                $_SESSION['username'] = ($redirect === 'admin/index.php') ? $row['uname'] :
$row['fname'];
                header("Location: $redirect");
                exit();
            }
        }
        echo '<div class="container" style="margin-left: 58px;">
            <div class="alert alert-danger" role="alert" width="300">
                Username and Password Wrong
            </div>
        </div>';
    } ?>
    <form action="login.php" autocomplete="off" method="POST" class="needs-
validation" novalidate>
        <input type="text" style="display: none;" autocomplete="false">
        <div class="row justify-content-center align-items-baseline">
            <div class="center one">
                <div class="form-group">
```

```html
            <label for="cname">Username</label>

            <input type="text" class="form-control" id="cname" name="uname"
style="width: 250px;" required>

              <div class="invalid-feedback">Please enter username.</div>

          </div>

          <div class="form-group">

            <label for="cid">Password</label>

            <input type="password" class="form-control" id="cid" name="pwd1"
style="width: 250px;" required>

              <div class="invalid-feedback">Please enter password.</div>

          </div>

          <div class="form-group">

            <button type="submit" class="btn" name="login" style="width: 250px; color:
white; font-weight: bold; >Login</button>

          </div>

          <div class="form-group">

            <a href="forgot.php" class="btn text-dark" style="margin-left: 30px;">Forgot
Password?</a>

          </div>

          <div class="form-group">

            <a href="register.php" class="btn btn-light btn-sm"><u>Don't have an
account? Sign Up!</u></a>

          </div>

        </div>

      </div>

    </form>

  </div>

  <script>

    document.addEventListener('DOMContentLoaded', function() {

      const forms = document.getElementsByClassName('needs-validation');

      Array.prototype.forEach.call(forms, function(form) {

        form.addEventListener('submit', function(event) {
```

```
            if (!form.checkValidity()) {

              event.preventDefault();

              event.stopPropagation();

            }

            form.classList.add('was-validated');

          });

        });

      });

  </script>

</body>

</html>
```

Register page

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Student SignUp</title>

    <link rel="stylesheet" href="css/login.css">

    <link rel="stylesheet" href="includes/bootstrap/bootstrap.min.css">

    <?php include_once 'includes/db.inc.php'; ?>

</head>

<body>

    <img src="images/regbg.png" id="img1" style="position: fixed;">

    <img src="images/ppl.png" width="660px" style="position: absolute; z-index: 1; margin-
left: 50%; margin-top: 10%;">

    <?php include_once 'includes/nav.php'; ?>


    <div class="content" style="margin-top: 20px; margin-left: -40px;">
```

```php
    <h1 class="form-row justify-content-center" style="margin-left: 60px;">Student
SignUp</h1>
    <br>


    <?php
    if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['signup'])) {
      $uname = $_POST['username'];

      $fname = $_POST['fname'];

      $lname = $_POST['lname'];

      $email = $_POST['mailid'];

      $phone = $_POST['phone'];

      $pwd1 = $_POST['pwd1'];

      $pwd2 = $_POST['pwd2'];

      $secque = $_POST['secque'];

      $secans = $_POST['secans'];


      if ($pwd1 === $pwd2) {

         $sql = "INSERT INTO studentlogin(uname, pwd, fname, lname, email, phone,
secque, secans)

              VALUES('$uname', '$pwd1', '$fname', '$lname', '$email', '$phone', '$secque',
'$secans')";

         mysqli_query($conn, $sql);

         echo '<img src="images/success2.png" id="img1" style="position: fixed; margin-
top: 140px;" width="500px">

             <div class="container" style="margin-top: 130px; margin-left: 270px;">

             <h1 align="center" style="margin-left: 60px;">SignUp Successful!</h1> <br>

             <div class="alert alert-success" role="alert" style="width: 600px; margin-left:
300px;">

                <h4 class="alert-heading">Well done!</h4>

                <p>You have successfully registered your account!</p>

                <hr>

                <p class="mb-0"><b>Login</b> to explore more.</p>
```

```php
                </div>
            </div>';
        } else {
            echo '<img src="images/404b.png" id="img1" style="position: fixed; margin-top:
140px;" width="500px">
            <div class="container" style="margin-top: 130px; margin-left: 270px;">
              <h1 align="center" style="margin-left: 60px;">SignUp Failed!</h1> <br>
              <div class="alert alert-danger" role="alert" style="width: 600px; margin-left:
300px;">
                <h4 class="alert-heading">Try Again!</h4>
                <p>There was an error, please fill the fields correctly and signup!</p>
                <hr>
                <a href="register.php" class="alert-link"><b>Get back to register</b></a>
              </div>
            </div>';
        }
    }
    ?>

    <form action="register.php" autocomplete="off" method="POST" class="needs-
validation" novalidate>
        <input type="hidden" autocomplete="false">
        <div class="row justify-content-center align-items-baseline">
          <div class="center one">
            <div class="form-row">
              <div class="form-group col-md-5">
                <label for="cid">Student ID</label>
                <input type="text" class="form-control" id="cid" name="cid"
placeholder="Student ID" readonly>
              </div>
              <div class="form-group col-md-5">
                <label for="username">Username</label>
```

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```html
                    <input type="text" class="form-control" id="username" name="username"
required>
                    <div class="invalid-feedback">Enter Username</div>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-5">
                    <label for="fname">First Name</label>
                    <input type="text" class="form-control" id="fname" name="fname"
required>
                    <div class="invalid-feedback">Enter First Name</div>
                </div>
                <div class="form-group col-md-5">
                    <label for="lname">Last Name</label>
                    <input type="text" class="form-control" id="lname" name="lname"
required>
                    <div class="invalid-feedback">Enter Last Name</div>
                </div>
            </div>
            <div class="form-row">
                <div class="form-group col-md-5">
                    <label for="mailid">Mail-ID</label>
                    <input type="email" class="form-control" id="mailid" name="mailid"
required>
                    <div class="invalid-feedback">Enter Valid Mail-ID</div>
                </div>
                <div class="form-group col-md-5">
                    <label for="phone">Phone</label>
                    <input type="tel" pattern="^\d{10}$" class="form-control" id="phone"
name="phone" required>
                    <div class="invalid-feedback">Enter Valid Phone Number</div>
                </div>
```

```html
            </div>
            <div class="form-row">
              <div class="form-group col-md-5">
                <label for="pwd1">Password</label>
                <input type="password" class="form-control" id="pwd1" name="pwd1"
required>
                <div class="invalid-feedback">Enter Password</div>
              </div>
              <div class="form-group col-md-5">
                <label for="pwd2">Confirm Password</label>
                <input type="password" class="form-control" id="pwd2" name="pwd2"
required>
                <div class="invalid-feedback">Re-Enter Password</div>
              </div>
            </div>
            <div class="form-row">
              <div class="form-group col-md-5">
                <label for="secque">Security Question</label>
                <select class="form-control" id="secque" name="secque" required>
                  <option>Which is your Favourite Food?</option>
                  <option>Which is your First Phone?</option>
                  <option>Which is your Favourite Mobile Company?</option>
                </select>
              </div>
              <div class="form-group col-md-5">
                <label for="secans">Answer</label>
                <input type="text" class="form-control" id="secans" name="secans"
required>
                <div class="invalid-feedback">Enter Answer</div>
              </div>
            </div>
```

```html
            <div class="form-row justify-content-center">

                <button type="submit" class="btn btn-dark col-md-5" name="signup"
style="margin-left: -120px; color: white; font-weight: bold; background: linear-gradient(to
left, #4181ED, #3F4261);">SignUp</button>

            </div>

        </div>

    </div>

    </form>

</div>


<?php include_once 'includes/footer.php'; ?>


<script>
    document.addEventListener('DOMContentLoaded', function() {

        document.getElementById('apply').classList.add('active');

        document.getElementById('home').classList.remove('active');

    });

    // Disable form submissions if there are invalid fields

    (function() {

        'use strict';

        window.addEventListener('load', function() {

            var forms = document.getElementsByClassName('needs-validation');

            Array.prototype.filter.call(forms, function(form) {

                form.addEventListener('submit', function(event) {

                    if (form.checkValidity() === false) {

                        event.preventDefault();

                        event.stopPropagation();

                    }

                    form.classList.add('was-validated');

                }, false);

            });
```

```
      }, false);

    })();

  </script>

</body>

</html>
```

Internship page

```php
<?php include_once 'includes/db.inc.php'; ?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>About us</title>

    <link rel="stylesheet" href="css/internship.css">

    <link rel="stylesheet" href="includes/bootstrap/bootstrap.min.css">

</head>

<body>

    <?php include_once 'includes/nav.php'; ?>

    <h1 align="center"><mark>Internships</mark></h1>

    <marquee style="color:red;"> SCC has made placement experience...</marquee>

    <div class="social">

        <h2 align="center"><mark>Institution Partners</mark></h2>

        <li><a href="#">Guidelines</a></li>

        <div class="container">

    <?php

     $partners = [

    ['img' => 'images/internshala.png', 'name' => 'Internshala', 'desc' => 'Internshala ..India..'],

            ['img' => 'images/link.png', 'name' => 'LinkedIn', 'desc' => 'LinkedIn is..'],

            ['img' => 'images/mon.png', 'name' => 'Monster', 'desc' => 'Monster is ..'],

            ['img' => 'images/indeed.png', 'name' => 'Indeed', 'desc' => 'An internship..']
```

```php
        ];
        foreach ($partners as $partner) {
          echo "
          <div class='container-items'>
            <img src='{$partner['img']}' alt='{$partner['name']}'>
            <h3>{$partner['name']}</h3>
            <p>{$partner['desc']}</p>
            <button>Read More</button>
          </div>";
        }
        ?>
      </div>
    </div>


    <div class="academic">
      <h2 align="center"><mark>Govt. Internships</mark></h2>
      <li><a href="#">Guidelines</a></li>
      <div class="container">
        <?php
        $govt_internships = [
          ['img' => 'images/niti.png', 'name' => 'NITI Aayog', 'desc' =>
'Undergraduate/postgraduate students or research scholars enrolled.', 'link' =>
'https://www.niti.gov.in/internship'],

          ['img' => 'images/meity.png', 'name' => 'Meity', 'desc' => 'The minimum...', 'link'
=> 'https://www.myscheme.gov.in/schemes/mdiis'],

          ['img' => 'images/act.png', 'name' => 'Aicte-india', 'desc' => 'Internships ..', 'link' =>
'https://internship.aicte-india.org/'],

          ['img' => 'images/nss.png', 'name' => 'NG Service portal', 'desc' => …', 'link' =>
'https://services.india.gov.in/service/detail/digital-india-internship-scheme-for-nic']
        ];
        foreach ($govt_internships as $internship) {
          echo "
```

```
        <div class='container-items'>

            <img src='{$internship['img']}' alt='{$internship['name']}'>

            <h3>{$internship['name']}</h3>

            <p>{$internship['desc']}</p>

            <button><a href='{$internship['link']}'>Read More</a></button>

        </div>";

    }

    ?>

    </div>

  </div>

  <marquee style="color:red">Latest internships will be updated in the Feedbox  
Latest internships will be updated in the Feedbox</marquee>

</body>

</html>
```

Home and sub division

Style.css:

```css
body {

    background: #202020;

    margin: 0;

    padding: 0;

}


#img1 {

    height: 320vh;

    width: 100%;

    position: fixed;

    top: 0;

    left: 0;

    z-index: -1;

    margin-top: -20px;

}
```

```css
.content {
    position: absolute;
    margin-top: 60px;
    margin-left: 80px;
}


.PlcmntRcrd {
    width: 916.8px;
    height: 174px;
    overflow: hidden;
    position: relative;
}


.marquee-container {
    display: flex;
    position: absolute;
    animation: marquee 30s linear infinite;
}
.cmpnylogo {
    width: 100px;
    height: auto;
}
@keyframes marquee {
    0% { transform: translateX(100%); }
    100% { transform: translateX(-100%); }
}
.img-fluid {
    max-width: 80%;
    height: auto;
```

```
}
```

Login.css :

```css
#img1 {
  /*position: absolute;*/
  height: 110vh;
  width: 100%;
  position: fixed;
  margin-top: -20px;
}
#img1,.content {
  position: absolute;
}
form{
  margin-left: 120px;
}
```

Admin module

Index.php :

```php
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Document</title>
  <link rel="stylesheet" type="text/css" href="css/addcomp.css">
  <?php include_once 'includes/head.php' ?>
</head>
<body>
  <div>
```

```html
    <img id="img2" src="../images/feedicon.png" width="550px" style="position: absolute;
position: fixed; z-index: 1; margin-left: 60%; margin-top: 18vh;">

  </div>

  <img src="../images/feed.png" id="img1" style="position: fixed;">

   <?php include_once 'includes/nav.php' ?>

  <div class="content" style="margin-top: 20px; margin-left: 10px;">

   <h1 class="form-row justify-content-center" style="margin-left: 100px;">FEED</h1>
<br>

   <div class="pre-scrollable" style="width: 700px; height: 400px; scroll-behavior: auto;">

     <div style="max-height: 90vh;">

       <div class="card" style="border: none;">

      <div class="card-body">

       <?php

         $sql = "select * from feed order by date desc, time desc;";

         $res = mysqli_query($conn, $sql);

         $rescheck = mysqli_num_rows($res);

         if ($rescheck > 0) {

            while ($row = mysqli_fetch_assoc($res)) {

              ?>

              <h6 class="card-title"><i class="far fa-user-circle"></i> <?php echo
$row['user']; ?></h6>

              <p class="card-text"><?php echo $row['message']; ?></p>

              <p><small><?php echo $row['date']; ?></small></p>

       </div>

   <form action="php/feed.inc.php" method="POST" style="margin-left: 15px; margin-top:
8px;">

   <div class="form-group">

     <textarea class="form-control" style="width: 500px;" name="message"
placeholder="Post a Comment..."></textarea>

   </div>

   <div class="form-group">

     <button type="submit" class="btn" name="post" style="color: white; width: 140px;
```

```
            font-weight: bold; background: linear-gradient(to left, #4181ED,
#3F4261);">Post</button>

        </div>

        </form>

      </div>

      <?php include_once 'includes/footer.php' ?>

      <script type="text/javascript" src="includes/jquery31.js"></script>

      <script>

       $(document).ready(function() {

         $("#add").removeClass("active");

         $("#cat").addClass("active");

        });

      </script>

</body>

</html>
```

ADD companies:

```
<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta name="viewport" content="width=device-width, initial-scale=1.0">

   <meta http-equiv="X-UA-Compatible" content="ie=edge">

   <title>Document</title>

   <link rel="stylesheet" type="text/css" href="css/addcomp.css">

   <?php include_once 'includes/head.php' ?>

</head>

<body>

   <div>

      <img id="img2" src="../images/walk.png" width="550px" style="position: absolute;
position: fixed; z-index: 1; margin-left: 60%; margin-top: 50vh;">

   </div>
```

```html
<img src="../images/add.png" id="img1">

<?php include_once 'includes/nav.php' ?>

<div class="content" style="margin-top: 40px; margin-left: 20px;">

    <h1 class="form-row justify-content-center" style="margin-left: 100px;">Add
Company</h1> <br>

    <form action="php/addcomp.inc.php" autocomplete="off" method="POST">

        <input type="text" style="display: none;" autocomplete="false">

        <div class="row justify-content-center align-items-baseline">

          <div class="center one">

            <div class="form-row">

                <div class="form-group col-md-6">

                  <label for="cid">Company ID</label>

                  <input type="text" class="form-control" id="cid" name="cid"
placeholder="Company ID" disabled>

                </div>

                <div class="form-group col-md-6">

                  <label for="cname">Company Name</label>

                  <input type="text" class="form-control" id="cname" name="cname"
placeholder="Company Name" required>

                </div>

            </div>

            <div class="form-row">

                <div class="form-group col-md-6">

                  <label for="website">Website</label>

                  <input type="text" class="form-control" id="website" name="website"
placeholder="Website" required>

                </div>

                <div class="form-group col-md-6">

                  <label for="exampleInputEmail1">Industry Type</label>

                  <select class="custom-select" name="ctype">

                    <option value="IT">IT</option>

                    <option value="BPO">BPO</option>
```

```html
          </select>

        </div>

      </div>

      <div class="form-row">

        <div class="form-group col-md-6">

          <label for="exampleInputEmail1">Status</label>

          <select class="custom-select" name="status">

            <option value="Active">Active</option>

            <option value="Inactive">Inactive</option>

          </select>

        </div>

        <div class="form-group col-md-6">

          <label for="telephone">Phone</label>

          <input type="tel" pattern="^\d{10}$" class="form-control" id="cname"
name="telephone" required>

        </div>

      </div>

      <div class="form-group">

        <label for="address">Address</label>

        <textarea class="form-control" id="address" name="address"
placeholder="Address" required></textarea>

      </div>

      <div class="form-row justify-content-center">

        <button type="submit" class="btn" name="add" style="width: 250px; color:
white;

                 font-weight: bold; background: linear-gradient(to left, #4B83EA,
#504EC2);">Add Company</button>

      </div>

    </div>

  </div>

</form>

</div>
```

```php
    <?php include_once 'includes/footer.php' ?>
    <script>
        var a = document.getElementById("telephone").value;
        function f() {
            if (a.length > 10) {
                alert("Numbers must be equal to 10 digits");
            }
        }
    </script>
</body>
</html>


        <?php
    } else {
        ?>
        <script>
            alert("Company has been updated");
            window.location.replace("../viewcompanies.php?result=success");
        </script>
        <?php
    }
  }
?>
```

CRUD.php:

```php
<?php
include_once '../includes/db.inc.php';
if (isset($_GET['delete'])) {
    $id = $_GET['delete'];
    $sql = "delete from company where id='$id';";
    $res = mysqli_query($conn, $sql);
```

```php
    if (!$res) {
      ?>
      <script>
        alert("Company could not be deleted");
        window.location.replace("../viewcompanies.php?result=fail");
      </script>
      <?php
    } else {
      ?>
      <script>
        alert("Company has been deleted");
        window.location.replace("../viewcompanies.php?result=success");
      </script>
      <?php
    }
  }

  if (isset($_GET['delete1'])) {
    $id = $_GET['delete1'];
    $sql = "delete from training where id='$id';";
    $res = mysqli_query($conn, $sql);
    if (!$res) {
      ?>
      <script>
        alert("Course could not be deleted");
        window.location.replace("../viewtraining.php?result=fail");
      </script>
      <?php
    } else {
      ?>
```

```
    <script>

      alert("Course has been deleted");

      window.location.replace("../viewtraining.php?result=success");

    </script>

    <?php

  }

}
```

ADMIN CSS:

Addcom.css:

```
#img1 {

  position: absolute;

  height: 100vh;

  width: 100%;

  position: fixed;

}

#img1,.content {

  position: absolute;

}

form{

  margin-left: 120px;

}

button {

  background: #514DC0;

}

#img2 {

  z-index: 0;

}
```

Student CSS:

Index.css

```css
#img1 {
  position: absolute;
  height: 100vh;
  width: 100%;
  position: fixed;
}
#img1,.content {
  position: absolute;
}
form{
  margin-left: 120px;
}
button {
  background: #514DC0;
}
#img2 {
  z-index: 0;
}
a:hover {
  text-decoration: none;
}
```

Reg1.css

```css
body {
  background: #202020;
}
#img1 {
  /*position: absolute;*/
  height: 110vh;
```

```css
    width: 100%;

    position: fixed;

    margin-top: -20px;

}

#img1,.content {

    position: absolute;

}

form{

    margin-left: 120px;

}

button {

    background: #514DC0;

}
```

Implementation Details

The implementation on phase involves the actual development and deployment of the school website on system. The project will be implemented using a combination of front-end and backend technologies to create a user-friendly and efficient system.

Front-End Development

The front-end of the system will be developed using modern web technologies such as HTML5, CSS3, and JavaScript. The front-end will be responsible for rendering the user interface (UI) and handling user interactions. The UI will be designed to be responsive and accessible, providing an op mal experience for students and the admin on different devices and browsers.

The front-end development will include the following tasks:

1. Designing and implementing a responsive layout to ensure the website looks good on various devices such as desktops, tablets, and smartphones.

2. Creating navigation menus to help users easily find information about different departments, programs, and activities.

3. Integrating multimedia elements such as images, videos, and slideshows to make the website visually appealing and engaging.

4. Implementing forms for various purposes such as contact forms, registration forms, and feedback forms.

5. Optimizing the website's performance by minifying CSS and JavaScript files, compressing images, and leveraging browser caching techniques.

Back-End Development

The back end of the system will be developed using PHP, a popular server-side scrip ting language, and PhpMyAdmin as the database management system. The back end will handle the processing of user requests, interaction with the database, and business logic of the system. The Back-end development will include the following tasks:

1. **User Authentication**: Implementing a secure login system for students, teachers, and administrators.

2. **Database Management**: Setting up a database to store information such as student records, course details, and schedules.

3. **Training Opportunities:** A separate training webpage with links to various courses enhances students' skills and prepares them for recruitment processes.

4. **Eligibility Criteria:** Companies need tools to find eligible candidates efficiently. Automated systems can match students with relevant job profiles based on specific criteria.

5. **Notifications:** Automated alerts for interviews, company visits, and deadlines enhance the overall process.

Testing

Thorough testing of the system will be performed to identify and fix any bugs or issues before deployment. The testing phase will include both functional and non-functional testing, such as unit testing, integra on testing, performance testing, and usability testing. Test cases and test data will be carefully designed and documented to ensure comprehensive testing coverage.

Deployment

Once the system has been thoroughly tested and validated, it will be deployed to a production environment. The deployment process will involve transferring the front-end and back-end code to a web server, configuring the server environment, se ng up the PhpMyAdmin database, and ensuring proper connectivity between the front-end and back-end components. The system will be monitored during the initial period of deployment to identify and address any issues or performance bottlenecks.

Planning and scheduling

Week 1 & 2: Project initiation, including project briefing and algorithm development.

Week 3: Front-end user interface design.

Week 4: Database specification and coding.

Week 5: Back-end integra on and testing.

Week 6: Project demo and documentation.

Week 7 & 8 (Optional): Final testing, refinement, and additional features implementation on based on stakeholder feedback.

This Timeline includes specific activities for each week, starting with project initiation and algorithm development, followed by front-end design, database implementation on, back end integra on and testing, project demo and documentation, and optional final testing, refinement, and feature implementation on based on feedback.

Testing

Test Strategies

Test level	External party	Project team	Business
Unit testing		Primary	
Integration testing		Primary	
Security testing	Primary	Secondary	
Connectivity testing	Primary	Secondary	
User acceptance testing			Primary
Production verification testing	Primary		

1. Unit Testing:

This testing strategy will involve testing individual components of the system, such as algorithms, database operations, and user interface elements, to ensure their correct functionality in isolation.

Example Test Cases:

- **Database Access Testing**: Create unit tests to validate the functionality of database access methods. Test cases can involve checking the insertion, retrieval, and deletion of data from the database, ensuring that the data is stored and retrieved accurately. Additionally, test edge cases such as handling empty or null inputs gracefully.

- **User Authentication Testing**: Write unit tests to ensure that the user authentication system works correctly. Test cases can include verifying successful login with valid credentials, handling invalid credentials, and testing the behaviour of the system when users forget their passwords.

2. Integration Testing:

This testing strategy will involve testing the integra on between different components of the system, such as the front-end and back-end, to ensure seamless communication and functionality between them.

Example Test Cases:

- **Testing Integration Points**: Ensuring that different modules of the website, such as user authentication, database management, and content management, interact correctly and share data seamlessly.

- **External System Integration**: Verifying that the website properly integrates with external systems like the Student Information System (SIS) to exchange data accurately and efficiently.

3. User Acceptance Testing:

This testing strategy will involve testing the system with real users, including the admin and students, to ensure the system meets their requirements and expectations.

Example Test Cases:

- **Functional Testing**: Ensure that all features of the website, such as user authentication, content management, online gradebook, and integration with the SIS, are working correctly and meet the requirements specified by the school.

- **Usability Testing**: Evaluate the user interface and overall user experience to ensure that it is intuitive and easy to navigate for students, teachers, and administrators. This includes testing aspects such as accessibility, responsiveness across different devices, and performance.

4. Error Handling Testing:

This testing strategy will involve testing the system's ability to handle various error scenarios, such as invalid inputs, unexpected exceptions, and system failures, to ensure graceful degradation and recovery. Example Test Cases:

- **404 Page**: Creating a custom 404 error page to gracefully handle instances where users attempt to access non-existent pages or broken links on the website. This page should provide helpful information, such as suggesting navigation options or providing a search bar, to guide users back to relevant content. Additionally, logging these errors can help website administrators identify and fix broken links or missing pages.

  - **Form Validation**: Implementing form validation to ensure that users provide correct and complete information when submitting forms, such as registration forms or contact forms. Error handling should include notifying users of missing or invalid inputs and preventing submission until corrections are made.

- **Test Analyst** - responsible for analysing and defining the testing requirements, designing and executing tests, and reporting on the test results.
- **Test Data Manager:** responsible for providing and managing the test data required for the testing process.
- **Testers**: Responsible for executing test cases, identifying and reporting defects, and providing feedback on the system's performance.
- **Business Analyst**: responsible for ensuring that the testing process is aligned with the business requirements and objectives.

Threads for Testing

Functional Testing - testing the functionality of the school website system to ensure that it meets the specified requirements.

Performance Testing - testing the performance and scalability of the system under different workloads and scenarios.

Security Testing - testing the system's ability to protect against unauthorized access, data breaches, and other security risks.

User Acceptance Testing - testing the system from the end user's perspective to ensure that it is intuitive, easy to use, and meets their needs.

Regression Testing - testing the system after changes or updates have been made to ensure that exist ng functionality is not affected.

Integration Testing - testing the system's ability to integrate with other systems and applications that it depends on.

System Testing - testing the system as a whole to ensure that all the individual components and functionalities work together seamlessly.

Usability Testing - testing the system's user interface, navigation, and overall user experience to ensure that it is user-friendly and intuitive.

Conclusion

The "Career Bridge" Placement Management System offers a significant improvement over manual process. It streamlines tasks, minimizes errors, and provides a user-friendly interface for both students and administrators. This translates to increased efficiency, better resource allocation, and improved record-keeping for colleges. With remote access capabilities, the system empowers administrators to manage the entire placement process effectively. Ultimately, this system supports colleges in optimizing their resources and maintaining accurate records of placements, thereby contributing to a more effective and organized approach to student placements.

After successfully completing the design of the database and the forms, it was put under test. By giving different types of data. The Design features are new developed.

Bibliography

Websites

- Youtube.com

  https://youtu.be/OK_JCtrrv-c?feature=shared
  https://youtu.be/OT6VSmHMxmY?feature=shared

- Geeks for Geeks

  https://www.geeksforgeeks.org/html-tutorial/

- Chat GPT

  https://openai.com/chatgpt/

- W3School

  https://www.w3schools.com/css